

26 October 1964

MEMORANDUM FOR THE RECORD

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SUBJECT: Evaluation of [] Proposal and Cost Analysis for
Comparator Heads and [] Proposed Changes
to the 405 B Comparator.

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REFERENCE: A. [] Letter 9 October 1964
B. [] Technical Description []
C. [] Letter 23 July 1964
D. [] Letter 27 August 1964

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1. Numerous desired changes have resulted from the evaluation of the Model 405A Chip Comparator, located in PID, which need applied to the three 405 B Models currently under contract.

2. At the outset of evaluation, it became apparent that the standard Dynazoom heads planned for use on the comparators were not adequate for the application. Accordingly, [] was asked to look into the problem and propose on a stereo head which contained the measuring reticule in the body of the optical train rather than in the eyepieces, which contained much closer machining tolerances and which would contain tilting eyepieces. Their first proposal, for [] was felt by the technical monitor to be exceedingly high and [] was asked to review the cost analysis which resulted in a downward revision to [] each (Reference A & B). Although still somewhat high, the price is felt to be more in line with the anticipated result.

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3. That portion of the effort as developed by [] has shown that the following items are in need of redesign or revision on the 405 B models:

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- a. Power Cabinet Redesign
- b. Projection Light Source Revision
- c. Focus Mechanism Redesign
- d. Head Rest Added
- e. Slow-down (end of travel) Added

DECLASS REVIEW by NIMA/DOD

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- f. Stage Lamps Added
- g. Vacuum Foot Switch Added
- h. Reposition Fuse Parts

The total amount for the [] additional for each instrument, which is felt to be a reasonable cost for the effort involved (Reference C & D).

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4. These additions now change the contract amount from [] per instrument to [] Both PID [] and PAG [] [] have been made aware of the changes desired and the increased funding proposed and are in accord with the action. They have both been asked to submit amending requisitions to Logistics Branch on the two contracts involved for the additional funding required.

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